

20030226.qrp v02_n843.qrl.20030226

Date: Wed, 26 Feb 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2843

QRP-L Digest 2843

Topics covered in this issue include:

- 1) [146676] Code Problems
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [146677] Re: FYBO Scores
by Dave Fouchey <dafouchey@comcast.net>
- 3) [146678] Re: S/P/C - ?
by "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
- 4) [146679] An unbiased discussion of linear amp biasing (Pt 1)
by Nick Kennedy <nkennedy@tcainternet.com>
- 5) [146680] Re: TS520 and IC751A
by "Lee Mairs" <lmairs@direcway.com>
- 6) [146681] Help identifying rig
by Steve Smith <sigcom@juno.com>
- 7) [146682] Duplicate signal image w/OHR500 ~60KHz below?
by "KB0VCC" <kb0vcc@adelphia.net>
- 8) [146683] grounded for life!
by sergio <sergio@village-buzz.com>
- 9) [146684] i just picked up an hw-8...
by sergio <sergio@village-buzz.com>
- 10) [146685] FOX LOG - VE4WI
by "Winchar" <winchar@mts.net>
- 11) [146686] Code
by JClinton46@aol.com
- 12) [146687] Re: Code Problems
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 13) [146688] FOX: Optimistic Truffle Announcement
by "Dave WR50" <dendav@dzdn.com>
- 14) [146689] Re: EMRFD & Manhattan Building
by Edgar R Guillot <n5ed@juno.com>
- 15) [146690] Re: i think i am back!
by Tim Groat <tcgroat@earthlink.net>
- 16) [146691] Re: [Dressing for FYBO?]
by Tim Groat <tcgroat@earthlink.net>
- 17) [146692] Re: Mounting IC's Manhattan style
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 18) [146693] Re: Code Problems
by Pete Burbank <plburbank@earthlink.net>
- 19) [146694] Re: Mike C. Report

- by George Gingell <k3tks@u1.abs.net>
- 20) [146695] Re: CW Koch Method
by George Gingell <k3tks@u1.abs.net>
- 21) [146696] RE: cable ground
by "George, W5YR" <w5yr@att.net>
- 22) [146697] RE: ST Louis tuner
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 23) [146698] Re: grounded for life!
by "Mike Yetsko" <myetsko@insydesw.com>
- 24) [146699] Re: Mounting IC's Manhattan style
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 25) [146700] Re: Mounting IC's Manhattan style
by Sam Smith <sam.smith@ece.gatech.edu>
- 26) [146701] Re: An unbiased discussion of linear amp biasing (Pt 1)
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 27) [146702] Re: i just picked up an hw-8...
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 28) [146703] FS Soviet Keys
by "Julie Janzer" <mjanzer@hal-pc.org>
- 29) [146704] Rock-Mite/40 Shift and Zener Voltage
by Chuck Carpenter <w5usj@9plus.net>
- 30) [146705] Re: FS: One Dozen NC-40A's
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 31) [146706] Re: grounded for life!
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 32) [146707] TS-520 and IC751A sold
by "Mike Rioux" <mike@rioux.org>
- 33) [146708] Origin of "Pesky Texans"
by Lloyd Lachow <llachow@yahoo.com>
- 34) [146709] Re: Mounting IC's Manhattan style
by "Jim Stamper" <jstamper@shentel.net>
- 35) [146710] Re: Origin of "Pesky Texans"
by Paul Womble <pwomble1@tampabay.rr.com>
- 36) [146711] Re: grounded for life!
by Alex <kr1st@amsat.org>
- 37) [146712] Mounting ICs with Manhattan packaging
by "AI2Q" <ai2q@adelphia.net>
- 38) [146713] FOX: W8RU Fox Announcement
by Ron Majewski <ron.majewski@veridian.com>
- 39) [146714] Re: An unbiased discussion of linear amp biasing (Pt 1)
by "Chris Trask" <chrisrask@earthlink.net>
- 40) [146715] Fox - Winter Fox Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 41) [146716] MW meeting freq
by "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
- 42) [146717] Re: Origin of "Pesky Texans"
by "Karl F. Larsen" <k5di@zianet.com>
- 43) [146718] Re: grounded for life!

- by "Karl F. Larsen" <k5di@zianet.com>
44) [146719] Re: Origin of "Pesky Texans"
by Ted Buckley <tedb@aracnet.com>
45) [146720] Re: Origin of "Pesky Texans"
by Paul Womble <pwomble1@tampabay.rr.com>
46) [146721] Re: Origin of "Pesky Texans"
by "John J. McDonough" <wb8rcr@arrl.net>
47) [146722] Wednesday Warble Tonight
by "David Bixler" <qrp@netins.net>
48) [146723] Re: Mounting IC's Manhattan style
by "Tony Fishpool" <tonyg4wif@btconnect.com>
49) [146724] RE: Origin of "Pesky Texans"
by "George, W5YR" <w5yr@att.net>

Date: Tue, 25 Feb 2003 16:32:46 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [146676] Code Problems
Message-ID: <Pine.LNX.4.44.0302251611180.2145-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your going to copy the Morse Code you need to make some plans before starting. At speeds below about 10 WPM you can and should print each character. At speeds above 10 WPM you must write longhand so you can write as fast as the code is being received.

After 9 years of college I had avoided learning how to type, how to spell, how to paint. So today I must write longhand on paper when I copy code.

I tried using the computer to type what I was receiving in code and it was a total failure! So another thing I didn't learn was that a dit da makes my left little finger hit the a.

Last, the Koch random sending is very hard to copy. You can't remember and predict what is next. But if you can copy this at 20 wpm your going to copy plain text really well!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 25 Feb 2003 19:01:03 -0500
From: Dave Fouchey <dafouchey@comcast.net>
To: wb3aal@fast.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146677] Re: FYBO Scores
Message-ID: <4.1.20030225190030.0097f830@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Worse yet Ron I had to work....blegh.

Dave
WA4EMR

At 05:33 PM 2/25/03 -0500, Ron Polityka wrote:

>Hi Bob,
>
> I had full intensions to operate the FYBO
>this year, but the heavy rain and warm temps
>made me do the Honey Do List Dance. :-)
>
>72 & Good DX
>Ron de WB3AAL
>wb3aal@fast.net
>www.n3epa.org
>
>
>----- Original Message -----
>From: "Bob Hightower" <nk7m@extremezone.com>
>
>
>> I'll post the claimed scores again in a
>couple of days, but we have
>> received 33 logs to date! WOW! Never knew
>that so many would brave the
>> weather :^).
>>
>> Still a couple of days until the logs start
>rolling in via snail mail,
>> but it looks like we're gonna be sending a
>lot of ScQRPions pins out.
>>
>> I'm finding a few logs that are forgetting
>to take the NQ7RP bonus, so
>> check that one while you are scoring.
>>

>> Thanks to all who took part in this
>contest. Haven't seen this level of
>> participation for some time.
>>
>> Bob NK7M
>>
>>
>

Date: Tue, 25 Feb 2003 17:17:22 -0700
From: "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
To: <qrp-1@lehigh.edu>
Subject: [146678] Re: S/P/C - ?
Message-ID: <00d701c2dd2c\$7a865a40\$023d1dac@waynecomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> For KL7FD0:
> Dobryj den' dorogoj drug Wayne Nikilaeovich!
> Vsyo horosho ponyal, spasibo!
> Do-svidaniya! :-))

Ochin horosho, Oleg.

My QSO today, 2300 UTC, 18.080 mhz, with Yuri RA0FU, Sahalin Island! My rig
QRP 5 watts, dipole antenna @ 3 meters. Next QSO with RV3GM/QRP!! :-)

Do svidandya,
72,
Wayne

Wayne Leman
KL7FDQ QRP ARCI #4454
Busby, Montana Grid: DN65nm
<http://www.qsl.net/kl7fdq/>

>
> 72! de RV3GM/QRP Oleg V. Borodin
> Lipetsk, Russia, RU-QRP Club's Chairman
> <http://ru-qrp.boom.ru>

Date: Tue, 25 Feb 2003 18:47:16 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [146679] An unbiased discussion of linear amp biasing (Pt 1)
Message-ID: <01C2DCFE.51D03A40.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Push-pull bipolar transistor type, that is.

I decided to build a 10 watt (suitable for 5 watt QRP) linear amplifier based on Steve Weber's article in QQ a couple years ago. The amp uses two 2SC2078 transistors in push-pull. Input and output transformers are made with ferrite binocular (balun) cores.

But I was thinking that temperarue compensated biasing would be both good for the amp and fun to play with, so I started changing things up. This got me off on a side search on diodes as temperature detectors. Pretty interesting. But I found a temperature compensation circuit in Doug DeMaw's Practical RF Design Manual (MFJ). A transistor is used as an emitter follower with two series diodes connected from base to ground. Some current is fed to the diodes (and base) through a pot used to adjust the output. Output comes from the emitter. (The emitter feeds bias current to the bases of the two push-pull final transistors.)

One diode is cemented to one of the two RF transistors. Its voltage falls with increasing temperature, automatically reducing the bias on the finals as required for stability. The other diode simply cancels out the drop of the base-emitter junction of the transistor, leaving one diode drop (the one that's doing the sensing) at the output. Transistors can get really hot in normal service, and the amount of voltage required to produce a desired amount of idling (no signal) collector current will drop a lot when that happens. What's a lot? Maybe 0.1 volt as temperature rises 100 degrees F. If you don't drop your bias voltage accordingly, the transistor may burn itself up.

Unfortunately, some other factors come into play. This little bias circuit has to source about 36 ma to put the transistors into conduction. (They have 19.5 ohms of external resistance connected from base to ground.)

That's enough to heat up the transistor used in the regulation circuit. Its Vbe drops, so it doesn't completely cancel the voltage across the extra diode and the output rises. The DeMaw circuit has the collector going to Vcc. I reduced some of the pass transistor heating by zener regulating it down, first to 4.7 volts, then to 3.6. That did help, but even now when I turned the thing on, Ic on the main transistors started out

at 3 ma and rose to 7.5 ma over the course of a few minutes. Maybe that's not so bad. Or maybe the bias circuit needs to be powered all the time (not just in transmit mode), so it will stabilize? Hmmm ... But I definitely don't want to make final adjustments until it has warmed up, since the movement is in the non-conservative direction.

So it seems strange, but the bias supply used for temperature regulation may itself need to be temperature regulated. Some other ideas: Regulate down to 2 volts or even 1.5 ahead of the pass transistor, to minimize self heating. Use a big honkin' pass transistor in the bias circuit, maybe with a heat sink. Cement the other diode to the bias pass transistor. Use a transistor array (or pair) and use the B-E junction of one of them for the second diode. This would probably work best, since the two junctions are pretty well guaranteed to be at the same temperature. Cement another transistor face-to-face with the pass transistor and use the extra one's Vbe junction as the second diode.

Anyway, I've beaten that consideration to death. Now, what level should I set the bias at? I didn't find clear direction anywhere. I'd imagine you'd want several ma flowing (maybe in the 1 ma to 10 ma range?) to make sure one transistor is always conducting, thereby minimizing crossover distortion. One book said adjust it while watching IMD, but I don't happen to have my IMD meter handy at the moment. Maybe looking at the waveform on the scope while tweaking the bias will be sufficient.

In part two I power it up and offer up a safety tip about using your finger for a temperature probe.

72--Nick, WA5BDU

Date: Tue, 25 Feb 2003 20:34:30 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: <mike@rioux.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146680] Re: TS520 and IC751A
Message-ID: <014d01c2dd37\$47134460\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can't think of a better rig for a first time ham than the IC-751A. I still have mine but an IC 781 is the main rig, and it sure isn't 10 times better than the 751A. If you are looking for a "main" rig, this looks like a pretty good deal to me. I'd jump on it myself, but it would be almost impossible to convince my SO that I needed two of the same rigs...

73 de Lee

KM4YY

----- Original Message -----

From: "Mike Rioux" <mike@rioux.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, February 25, 2003 5:31 PM

Subject: FS: TS520 and IC751A

For a friend:

Original owner Kenwood TS-520S - 80 to 10 meters (no WARC bands), 100 watt transceiver with 500Hz CW filter installed. Matching Kenwood remote VFO 520S. Receiver incremental tuning on Transceiver and on VFO. Kenwood SP 520 matching external speaker. Shure 526T Transistorized Dynamic microphone. Spare final tube (6146) and service manual. Runs on 110 or 220 Volts. \$200 plus shipping

Icom IC-751A , SSB-AM-CW-FM-RTTY 100 watt all HF band 160-10 Meters with general receiver from 100kHz to 30 MHz. Semi and full break in CW with 500 Hz CW filter . Built in audio preamp and attenuator. Passband tuning and Notch Filter. Built in CW iambic keyer. 3 2 programmable memories with memory scan. External RC-10 frequency controller. Internal power supply not working but repairable. External Icom PS-55 power supply. Icom HM-36 microphone and service manual. \$300 plus shipping. I'm selling both rigs to buy a smaller rig to take on trips. Call Bob, AA1M at (781) 272-6219. aa1m@rcn.com

Date: Tue, 25 Feb 2003 17:43:41 -0800

From: Steve Smith <sigcom@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [146681] Help identifying rig

Message-ID: <20030225.174341.-213009.0.sigcom@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Group,

I'm looking for help identifying a rig I got in a box of junk at the swap. It's on 80 meters and has two stages. The oscillator is a single 2N2270 and the PA is 2 parallel 2N2270s. Both the oscillator and the PA tank coils are B&W MiniDuctor. The output coupling is simply a tap on the PA tank (Ayyyy!) and there is a 1N34 diode that drives a panel meter for relative output indication. The thing is built on a phenolic P.C. board that I suspect is homebrew but maybe was a very early kit.

Does this ring any bells with anyone out there?

TNX

73.....Steve Smith WB6TNL

Oxnard, CA USA

"Snort Rosin"

--I know you believe you understand what you think I said,
but I am not sure you realize that what you heard is not what I meant.--

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Date: Tue, 25 Feb 2003 21:23:25 -0500
From: "KB0VCC" <kb0vcc@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [146682] Duplicate signal image w/OHR500 ~60KHz below?
Message-ID: <000c01c2dd3e\$0b0eb7e0\$6401a8c0@dalenotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey gang. I don't usually work 80m, but I was tuning around this evening with the OHR-500 and came across a W1AW CW bulletin. What surprised me was the display read: 3.519.5! Just to verify it was in fact W1AW, I spun the tuner up to 3.581.5 and sure enough there it was again! I then turned on the FT-990 to 3.519.5 but the frequency was clear. Returning the OHR-500 to 3.519.5 I again heard W1AW just as strong and clear as on 3.581.5.

Then using my FT-990, I transmitted into a dummy load on

various frequencies while tuning around w/the OHR and did in fact observe an "image" of my signal lower on the band, (and not always exactly 62.5KHz) and this was true on bands other than 80m. Why would I hear the same signal, on the same side-band, about 60KHz below the fundamental? What about this radio's design makes this "feature" possible? I suspect something is mixing in the IF chain, but what and why?

Tnx es 72/73,
Dale

```
=====
Dale Anderson, KB0VCC      In the Mt Washington Valley
QRP-L #91 / CQC #251       Conway, New Hampshire
ARS #234 / FISTS #3172     Grid Sq: FN43kx
QRP-NE #600                http://www.qsl.net/kb0vcc
```

Date: Tue, 25 Feb 2003 21:23:24 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [146683] grounded for life!
Message-ID: <5.1.1.6.0.20030225212101.027efbc0@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>If you MUST use an end fed wire, try a counterpoise at the TX instead of
>the CATV shield.

okay, i have decided AGAINST using the catv ground, thanks to the good advice of the folks on this list..

thanks to all the folks who emailed me privately..

but, i know i am lame.. but.. can someone send a link to a workable counterpoise setup?

keep in mind that my whole house is pretty much frozen shut until further notice... dangit....

peace,
sergio
www.village-buzz.com - "the village buzz"
www.mp3.com/village_buzz - "the rock n roll, baby!"
www.coffee-black.com - rock photo!
phone ... 419 606 0557
to subscribe to The Village Buzz, send a blank email to:
VB-Announce-subscribe@yahoogroups.com
www.amazon.com/o/registry/3L7DM7FMR5OQU <- buy me some swag!

Date: Tue, 25 Feb 2003 21:44:06 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [146684] i just picked up an hw-8...
Message-ID: <5.1.1.6.0.20030225214304.027faf18@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i just couldn't resist!

can anyone tell me if i did okay?

here's the one i bought..

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4674&item=3008865799&rd=1>

i really wanted to get multiband on the cheap..

peace,
sergio
www.village-buzz.com - "the village buzz"
www.mp3.com/village_buzz - "the rock n roll, baby!"
www.coffee-black.com - rock photo!
phone ... 419 606 0557
to subscribe to The Village Buzz, send a blank email to:
VB-Announce-subscribe@yahoogroups.com
www.amazon.com/o/registry/3L7DM7FMR5OQU <- buy me some swag!

Date: Tue, 25 Feb 2003 20:50:21 -0600
From: "Winchar" <winchar@mts.net>
To: <QRP-L@LeHigh.EDU>
Subject: [146685] FOX LOG - VE4WI
Message-ID: <000901c2dd41\$cdd50e20\$6501a8c0@leslie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the delay in getting the results out. My wife and I took on the grandsons for the weekend (almost 5 years and 1 year). Guess which two turned out to have the flu starting just after supper on Friday. Between those two guys, trips to the drugstore, laundry, and temps overnight of - 35 deg Celsius I got a bit behind.

So, listed below are the results of Feb 20, 2003. All times are approximate.

0200 W5TB 559 TX DOC 5W
0201 W9XU 559 WI LON 5W
0202 WD9F 559 IL WOODY 5W
0203 W8YMO 559 OH HARRY 5W
0204 N9NE 559 WI TODD 5W

0205 N4BP 559 FL BOB 5W
0206 N4ROA 559 VA DAN 5W
0207 AA50 559 LA VERN 5W
0208 K7TQ 559 ID RANDY 5W
0209 KC9LC 559 VA CLYDE 5W

0210 K9DC 559 IN DAVE 5W
0211 WA9TZE 559 WI JIM 5W
0212 W5USJ 559 TX CHUCK 5W
0213 KK5LD 559 TX DAN 5W
0214 VA6RF 559 AB EARL 5W

0215 K5JHP 559 TX BILL 5W
0216 K5DW 559 TX DON 5W
0217 K8CV 559 MA WALT 5W
0218 W5YR 559 TX GEORGE 5W
0219 WE9K 559 WI GLENN 5W

0220 KK5NA 559 TX JOE 5W
0221 K4GT 559 GA JIM 5W
0222 N5ZE 559 TX LEW 5W
0223 W0CH 559 MO DAVE 5W

0224 K5FSE 559 GA JACK 5W

0225 AD6JV 559 VA BILL 5W

0226 AJ4AY 559 AL JAY 5W

0227 N1FN 559 CO ET 5W

0228 N2WW 559 CO LARRY 5W

0229 K2ZN 559 NY AL 5W

0232 KQ5U 559 TX TERRY 5W

0236 W3SMK 559 NY STEVE 5W

0238 KB7WW 559 OR ART 5W

0240 N9AW 559 WI JERRY 5W

0243 VE6EX 559 AB DAN 5W

0245 NK9G 559 WI RICK 5W

0247 KR5C 559 TX GEORGE 5W

0249 K9IS 559 WI STEVE 5W

0251 K5SR 559 TX DALE 5W

0253 K9IUA 559 IA KEVIN 5W

0256 W5TB 559 TX DOC 5W DUPE

0257 K5QEA 559 OK SAM 5W

0300 K5DI 559 NM KARL 5W

0301 K5EOA 559 LA WAYNE 5W

0302 W2AGN 559 NJ JOHN 5W

0303 K5ZTY 559 TX BILL 5W

0304 K7VF 559 CA JEFF 5W

0305 KS4L 559 AR RANDY 5W

0306 W7KXB 559 AZ BILL 5W

0307 NA8M 559 MI JOHN 5W

0308 W00XJ 559 CO BOB 5W

0310 K6VNX 559 CA ARLEN 5W

0312 N0WX 559 MN MIKE 5W

0315 NK6A 559 CA DON 5W

0317 K50T 559 WI LARRY 3W

0320 K3PH 559 PA BOB 5W

0322 K0FRP 559 CO AL 5W

0324 WU9F 559 WI TERRY 5W

0326 WA8BXN 559 OH MIKE 5W

0327 NV4V 559 KY PETE 5W

0328 AC7A 559 AZ TOM 5W

0329 N1TP 559 FL TOM 5W

0330 N5WL 559 OK BART 5W

0331 KR0U 559 CO TIM 5W

0332 W2RBA 559 NY JOHN 5W

0333 KI0II 559 CO RON 2W

0334 AC5JH 559 OK TOM 5W

0335 AF4PS 559 FL MAC 2W

0336 N0TK 559 CO DAN 5W

0337 K50I 559 OK TIM 5W

0339 KB9YIG 559 IN TONY 500MW

0340 WA8NTA 559 CO DICK 5W

0342 AB9CA 559 AL DAVE 5W

0343 KJ0C 559 MO JIM 5W

0344 K2ESE 559 MD LLOYD 5W

0346 KG6CYN 559 CA TREV 5W

0347 NU8S 559 OH DENNIS 5W

0348 WA8ZBT 559 TX DENNIS 5W

0349 N6TW 559 CA LARRY 5W

0350 K6MMC 559 CA MIKE 5W

0352 K40AH 559 GA GAREY 5W

0353 KF2P 559 NY NICK 5W

0354 W9HL 559 IL RANDY 5W

0355 NK0E 559 CO DAVE 5W

0356 VA6MJT 559 AB MIKE 5W

0358 N5IB 559 LA JIM 5W

0359 KB9YIG 559 IN TONY 500MW DUPE

0400 K4FB 559 FL FOX 5W

0400 VE4WI 559 MB FOX 5W

89 - 2 DUPES=87 QSOs

I really had a lot of fun acting as the FOX. I hope that I did a good enough job for you snarling, slathering hounds. I must admit that at times the pileup was so bad I didn't think that I would ever pick out the next call. Sit back, take a deep breath, and dive back in. Worked for me. Thanks to the FOX committee for letting me volunteer. I'll be back!

Craig Winchar

VE4WI

corrections to winchar@mts.net

Date: Tue, 25 Feb 2003 21:54:54 EST

From: JClinton46@aol.com

To: qrp-1@lehigh.edu
Subject: [146686] Code
Message-ID: <3a.34ecb767.2b8d867e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Karl Larsen k5di wrote:
<>

Karl, are you trying to learn how to copy code (faster) or type? :^)

As I understand it, the reason the Koch method is successful in avoiding the plateaus is the character speed is high enough to prevent the mind from using "lookup" tables for character recognition (di-da-da-dit is dot dash dash dot is P). In other words, character recognition/translation becomes "automatic". I doubt any of us has to think about what we are doing before writing characters or words in our normal mode. But when learning a different method, there is a period where we have to refer to our "lookup" table. I am fairly good at Palm graffiti but there are still a few characters I have to stop and think about. No way would I use it to take "real time" notes.

My point is this - don't try to use a "new" (to you) method to copy code until you are proficient in that method. Learn one thing at a time.

I'm not picking on Karl. Several others have alluded to problems when changing to cursive or a shorthand method. Karl just admitted his.

73
Clint Poss
KE4FDT

Date: Tue, 25 Feb 2003 18:56:36 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146687] Re: Code Problems
Message-ID: <002701c2dd42\$aeb3e380\$358eb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl and all,

Predicting what is to be sent is a big cause of error in receiving and

should never be done! You should hear the character and THEN write it down. Random sending is the best way to get out of this habit. The other thing to do is relax and to have fun with it. I find that if I'm tense about anything that my receive proficiency goes way down. Just a couple of observations I've made of my own skills that need to be improved...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

>

> Last, the Koch random sending is very hard to copy. You can't
> remember and predict what is next. But if you can copy this at 20 wpm
> your going to copy plain text really well!

>

> --

>

> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

>

Date: Tue, 25 Feb 2003 20:08:43 -0700

From: "Dave WR50" <dendav@dzdn.com>

To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>

Subject: [146688] FOX: Optimistic Truffle Announcement

Message-ID: <001401c2dd44\$76aa92c0\$096357d1@dwinfield>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am supposed to be the Truffle on Thursday. I have to work late Thursday, but hope to be home in time to fulfill my voluntary obligation. If not, I'm sure somebody else will fill in.

Here's what I hope is going to happen (work and weather permitting):

Starting 30 minutes before the Fox Hunt Thursday evening
(8:30E/7:30C/6:30M/5:30P/0130Z Friday) somewhere in the neighborhood of
7.044, I will start calling CQ FP. I like to start by listening up about
500 Hz, and rarely go above 1 kHz.

My info:

<your call> TU 559 TX DAVE NR 109 5W <your call> BK

For folks not participating in Worked All Pigs, the standard RST SPC NAME PWR is appreciated. For folks participating in WAP, use your FP number instead of your power. If you just have to be different and send both, knock yourself out :-). If I need a fill, I'll ask. To confirm a valid contact, I will send:

<your call> 00 DE WR50 CQ FP K.

Feel free to consider this an opportunity to exact some revenge on a Pesky Texan...not that I've been very pesky this year :-).

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts
FP# -109, SOC #371, ARS #996,
Zombie #793, QRPp #328, ARRL

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.458 / Virus Database: 257 - Release Date: 2/24/03

Date: Tue, 25 Feb 2003 21:21:47 -0600
From: Edgar R Guillot <n5ed@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [146689] Re: EMRFD & Manhattan Building
Message-ID: <20030225.212148.908.0.N5ED@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You suppose Jim Kortage started out as a shoe salesman for centipedes?
Ed

On Tue, 25 Feb 2003 12:16:18 -0500 David Hinerman
<WD8CIV@worldnet.att.net> writes:
> Ed,
>
> Here you go, courtesy of Jim Kortge himself:
>

> <http://www.qsl.net/k8iqy/socket.html>
>
> Dave
>
>
> At 09:12 AM 2/25/2003 -0600, you wrote:
> >Where is the instructions for putting the pads for a DIP IC in
> Manhattan
> >building? I saw it on a web site but cannot remember where?
> >
> >Thanks to Bill, N8ET, at Kanga for a super deal.
> > >
> > >
> > > 72,73 A1 N2ZHS
> > > Scotia, NY
> > >
> > >
> >
> >
> >N5Ed Guillot
> >Cajun Country
> >near New Orleans
> >SOC #535
> >ARRL Life Mem.
> >
> >
> >-----
> >Sign Up for Juno Platinum Internet Access Today
> >Only \$9.95 per month!
> >Visit www.juno.com
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>
>

N5Ed Guillot
Cajun Country
near New Orleans
SOC #535
ARRL Life Mem.

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Tue, 25 Feb 2003 20:22:35 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [146690] Re: i think i am back!
Message-ID: <5.1.1.6.2.20030225191246.00a0aec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'd be careful.

Thought one: If you run any RF into the CATV "ground" lead, that's common-mode current on the cable system. Unless your TV, VCR, etc. are unusually good at rejecting common-mode RFI (or you live alone), expect complaints from the rest of the family. With such a direct coupling path, even QRP can cause RFI problems.

Thought two: RFI runs both ways. Sweep oscillator noise from the TV set can cause common-mode current on the CATV coax. If the coax is your antenna counterpoise, that noise current has a good path into your receiver.

Thought three: CATV grounds usually aren't very good RF grounds. In many cases there's only a short, skinny stake in the dirt. You'll probably want something better, since you're using an unbalanced wire antenna.

I think a counterpoise wire or even the traditional cold-water pipe would be a better choice than CATV wiring. I wouldn't try using the CATV socket unless the cable outlet was abandoned and disconnected from the CATV system.

72,

--Tim (KR0U)

>sergio <sergio@village-buzz.com>:

>i have everything set up.. 40-40 into a zm-2 into a long wire scattered in
>an around the house (for now)..
>
>now.. i have one question..
>
>grounding..
>RIGHT NEXT to my rig, i have cable tv connector..
>
>can i just attach a wire to this, and use this for my station ground? this
>would make life SO EASY if i could do this... it would get me on the air so

>much faster than having to find a way to get some other kinda wire in here..

Date: Tue, 25 Feb 2003 20:42:34 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [146691] Re: [Dressing for FYB0?]
Message-ID: <5.1.1.6.2.20030225202413.00a0ad40@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They're also called "shooting gloves". Look in the hunting section of the sporting goods store when they bring out the fall season gear. When you need finger dexterity in cold weather, these are the way to go!

72,

--Tim (KROU)

>"P. Ermisch" <ermisch@usa.net>:

>
>On my hands, I had a pair of REI "mitten/gloves". The mittens fold back =
>to
>reveal my fingers while the rest of my hand is covered in heavyweight,
>windproof Polartec.

Date: Wed, 26 Feb 2003 04:16:01 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: w2kj@bellsouth.net, qrp-1@Lehigh.EDU
Subject: [146692] Re: Mounting IC's Manhattan style
Message-ID: <F122IQK9VPRfLC7A9Bz00001769@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Joe,

Not that I know of - but I wish that someone would do that along with making some "adaptor" boards for SMT transistors, IC's, etc.....

72 es oo

Dennis - WB0WAO

NJQRP #329 - FPQRP #-347 - SOC #499
GACW #622 - ARS #1363 - QRP Canada #248
WATPK #2
FISTS # 9299
Charter Member - Michigan DX Association
www.qsl.net/wb0wao
:=)

>Any commercial sources out there to fabricate this rascals and
>then sell them by the fifties or hundreds to hams???
>
>Just thinking out loud.
>
> Joe W2KJ

Tired of spam? Get advanced junk mail protection with MSN 8.
<http://join.msn.com/?page=features/junkmail>

Date: Tue, 25 Feb 2003 23:27:00 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: kg6cyn@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146693] Re: Code Problems
Message-ID: <5.2.0.9.0.20030225225422.00a33600@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:56 PM 2/25/2003, Trevor Jacobs wrote:
>Karl and all,
>
>Predicting what is to be sent is a big cause of error in receiving and
>should never be done!

Trev I agree on that and comments about relaxing and having having fun.
One thing I have not seen mentioned was the use of fast pencils. I keep a
stash of #1 pencils near the rig.
You can get them at your local office supply.

Over the last 40 +++ years I have of cw operation I have gradually degenerated (:-)) into not writing everything down except for vital logging details and following a rag chew in my head. On the copy sheet I list topics and interesting things that the other op is talking about. That way it becomes more of a relaxing conversation.

To keep my receive speed up, I just tune in W1AW and go do dishes or something. The basic goal of course is that code turns into a second language. (I must confess to waking up in the AM having a dream where "the Cast" talks in code. HI!)

My big issue with folks trying to go faster is neglecting proper spacing. 73 to all

Pete NV4V

Date: Wed, 26 Feb 2003 00:58:38 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [146694] Re: Mike C. Report
Message-ID: <20030226005244.S63700-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, By all means send Mike a card. OTOH, don't fear the Name Pronunciation either. Mike "C" works fine. If you really are stuck for the pronunciation, it is easy to remember. It is "Mike" "Choose Ya Hi Ski" Hey, It works for me :^}

Hopefully, He will be sufficiently recovered to attend the Atlanticon Special Event next month. We will do our best to get him out there.

QRPp Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services, Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 26 Feb 2003 01:30:34 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <grp-l@Lehigh.EDU>
Subject: [146695] Re: CW Koch Method
Message-ID: <20030226005843.M63700-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is quite interesting to read of the same old problems popping up.

Several years ago, don't ask how many, I was having some of the same problems in my aperiodic relearning of CW.

I also had great difficulty trying to write it all down with any amount of speed. The concentration on writing always cost me a few words here and there.

What I found that worked best for me was to use a "FLAIR PEN" (Felt Tip writing instrument) and plain 3 ring notebook paper. At that point in time I was using W1AW Code Practice and Bulletin Broadcasts for my practice sessions. I always recommend only using those sessions that start out FAST and gradually slow down, NEVER Use the Slow to Fast Sessions.

They tend to create a defeated attitude in a very short time. I.e., your copy always gets worse as you go along.

The Felt tip pen and notebook paper (Use Both sides and date it on top for future reference). A quick look and you can see your progress or lack thereof.

I later learned that I could pull the cap from the pen (Very small wire pin secures it) and refill it with drawing ink and an eyedropper). O.K.

I am also thrifty. :^}

After several reams of paper and dozens of felt pens, I learned to save the extra funds for radio kits and parts. :^}

We did not have the luxury of such wonderful computer programs (G4FON) and others. A hand key, tone osc and tape recorder were the tools of the day.

Later, I did find a Computer program to my liking. Morse Tutor by N0IAI at the time. The neat thing about it, I discovered was that it would actually send ASCII Text as CW. Hey, Guess what? I found a hidden trick that it would do. Wanna know the secret? If you typed a "SPACE" it would "DO NOTHING" for an interval. NOP ? So what! you ask? Well that is just the ticket to solve the I got behind with my copy problem. Here is the Secret, Or at least what I did. I typed up the text just like regular, then I set the Code Speed at 25-30 WPM (What is your Goal?) then I let it send a Sentence at full speed followed by a Line of SPACES for the amount of DELAY I wanted. This is what I call the RESTING ZONE. It gives your brain a break in the data flow. It also allows you to learn to recognize the characters at higher speeds Automatically. I wish now that I had used 40-50 wpm for my character speed. It seems like the goals are always moving upward. On the other hand I suspect some of us are stuck with 30-40 WPM Brains and that is something that we have to live with. Not everyone can be like Chuck with the "WARP 8-9 Brains" :^}

I like to compare this process to the computer, It is normally limited by its clock speed, but can easily DO NOTHING for an Interval..

I use this to explain why we can learn the sound of code at 30 WPM and still copy 5 or 10 WPM. On the other hand if you learn it at 5 WPM you will have great difficulty at trying to copy at greater speeds.

I know, I have used both methods. :^} Learn It correctly ONE Time and enjoy it for a lifetime.

I hope these comments will help at least one of you learn or improve your code copying skills.

There is really only one Secret Method. Practice, Practice, Practice...

GL es CUL

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
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Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
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Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 26 Feb 2003 00:49:34 -0600
From: "George, W5YR" <w5yr@att.net>
To: <n4xy@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146696] RE: cable ground
Message-ID: <IGEMKCEKDDMKFONPPFHBEEFGDCAA.w5yr@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Not to forget that *anything* untoward that occurs to anyone or anything
connected to that cable while you are using it as a "ground" leaves you
liable to damages if you get caught . . .

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"

-
Also... should you experience any... uh-h-h... unfortunate events involving
the failure of the cable converter, even if it isn't your fault, I would

not leave it obviously connected for just anyone-like the cable repair guy-to see, since no matter what, it would be your fault from their viewpoint.

Date: Wed, 26 Feb 2003 05:58:48 -0600
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [146697] RE: ST Louis tuner
Message-ID: <006d01c2dd8e\$6c3c4960\$89c03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all that sent me a note. I had a lot of replies. So I purchase one so my needs have been met.

72

Gene NOMQ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.458 / Virus Database: 257 - Release Date: 2/24/2003

Date: Wed, 26 Feb 2003 07:10:08 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <sergio@village-buzz.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146698] Re: grounded for life!
Message-ID: <002001c2dd90\$081ad300\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> okay, i have decided AGAINST using the catv ground, thanks to the good
> advice of the folks on this list..
>
> thanks to all the folks who emailed me privately..
>
> but, i know i am lame.. but.. can someone send a link to a workable

> counterpoise setup?
>
> keep in mind that my whole house is pretty much frozen shut until
further
> notice... dangit....
>
> sergio

Well, you could always rig up a tuner as an 'artificial ground' until the
spring thaw.

MFJ sells an artificial ground. And I'm 99% sure there's still and
article
(with a schematic) on the ARRL web page, but probably in the members
only area.

Mike

Date: Wed, 26 Feb 2003 07:35:57 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu, wb0wao@hotmail.com
Cc: tony@g4wif.fsnet.co.uk
Subject: [146699] Re: Mounting IC's Manhattan style
Message-ID: <5.0.2.1.2.20030226073341.027d79b0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>>>Not that I know of - but I wish that someone would do that along with
making some "adaptor" boards for SMT transistors, IC's, etc.....

Tony Fishpool, G4WIF showed me how to do it with perfboard. Actually
pretty simple. I think it's in he and Graham Firth, G3MFJ's book...

72 de Mike, K04WX
Michael C. Boatright

Date: Wed, 26 Feb 2003 07:46:44 -0500
From: Sam Smith <sam.smith@ece.gatech.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146700] Re: Mounting IC's Manhattan style
Message-ID: <3E5CB734.3080106@ece.gatech.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Dennis Ponsness wrote:

> Joe,
> Not that I know of - but I wish that someone would do that along with
> making some "adaptor" boards for SMT transistors, IC's, etc.....
>
>

This company makes them, but they ain't cheap:
<http://www.beldynsys.com/>

Sam N4MAP

Date: Wed, 26 Feb 2003 07:57:42 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu, nkennedy@tcainternet.com
Subject: [146701] Re: An unbiased discussion of linear amp biasing (Pt 1)
Message-ID: <5.0.2.1.2.20030226073925.02830f10@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Nick,

EXCELLENT post! I learned a whole lot on this same subject as the result of building a 300W amp (for ARES, folks...no flames please!) using the Communications Concepts kit-of-parts and board. Quite interestingly, a nearly identical amplifier is shown on PP 67-68 of SSD (uses 50V MRF428A's instead of 28V MRF422's that were in the circuit I use). I suspect that the circuit you used has at least some history in this work.

Which, by the way, is all based on work done by Norm Dye and Helge Granberg (WB2BHX/7, SK) for Mororola. They quite literally "wrote the book." The book is "Radio Frequency Transistors Principles and Practical Applications," 1993, Butterworth-Heinemann (ISBN 0-7506-9059-3). If you REALLY want to know about amplifiers, read this book. I happened to find it by hunting around for Granberg on the Internet (W7Z0I/W1FB credit the circuit on SSD p67 to him), and found a used copy (found a couple at least) for sale through Amazon.com.

One thing that is tremendously interesting to me is how much different RF circuits behave under power. Heat does some interesting things (by the way, some of the recent ARRL Handbooks have some great discussions on how to do "thermal math"--a topic of import to anyone doing amplifier

engineering, QRP or QRO). Also, output networks must be carefully designed and built (sometimes, way more carefully than our QRP stuff) due to the low impedances required to get power out.

I learned a whole lot more about amplifiers trying to get some power out of a pair of transistors in this project than in a whole slew of others. I think it's almost an art to get 300W out of a amplifier with a supply voltage of 28V! It's way, way different (and a whole lot more interesting) than putting a few thousand volts on the plate of a big round clump of glass and screaming "CeeeQueue seventy-five!" 8-)

Excellent stuff...can't wait for Pt. 2.

72 de Mike, K04WX
Michael C. Boatright

Date: Wed, 26 Feb 2003 08:04:51 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <sergio@village-buzz.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146702] Re: i just picked up an hw-8...
Message-ID: <003d01c2dd97\$a6994d20\$d150590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sergio,

Looks like a good deal. I used to won an HW-8 and they are pretty easy to align, if necessary.

I think you did good!

Larry W2LJ
----- Original Message -----
From: "sergio" <sergio@village-buzz.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 25, 2003 9:44 PM
Subject: i just picked up an hw-8...

>
> i just couldn't resist!
>

> can anyone tell me if i did okay?
>
> here's the one i bought..
>
>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4674&item=3008865799&rd=1>
>
> i really wanted to get multiband on the cheap..
>
>
> ---
> peace,
> sergio
> www.village-buzz.com - "the village buzz"
> www.mp3.com/village_buzz - "the rock n roll, baby!"
> www.coffee-black.com - rock photo!
> phone ... 419 606 0557
> to subscribe to The Village Buzz, send a blank email to:
> VB-Announce-subscribe@yahooogroups.com
> www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!
>
>
>

Date: Wed, 26 Feb 2003 07:08:18 -0600
From: "Julie Janzer" <mjanzer@hal-pc.org>
To: <qrp-1@lehigh.edu>
Subject: [146703] FS Soviet Keys
Message-ID: <001001c2dd98\$221d2ca0\$4c80b4ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been volunteering some time to support the Yerevan Amateur Radio club, in Armenia. Over the past year, they have shipped me (through visiting ham intermediaries) a number of Soviet military and student keys that I'm selling for the benefit of their club. All the proceeds (less shipping) go to the club, EK8ZZ.

Heavy Duty Morse CW Key. This key was manufactured in Cherkassy, Ukraine, for the Soviet military up through the 1980s. Designed for heavy duty use,

they are very robust but can be adjusted for a very nice feel. Tension, contact spacing and bearing tension can all be adjusted. There are two contacts, for up and down stroke, though you can wire it, as with any other key for conventional use. The hinged cover and base are a heavy plastic, as is the knob. The key measures 3-1/2" by 3" at the base of the unit. Solder lugs are provided for the connections within the base, and there are four holes (concealed by the cover when it is closed) for screwing it down to a board or table.

\$27 each, includes shipping. Note that these keys are used and have some minor scuffing.

http://www.hal-pc.org/~mjanzer/images/021_21.jpg

The other keys are Soviet school keys. They are mostly plastic, the main arm is a steel channel. The solid plastic Navy style knob comes in a marbelized white color.

http://www.hal-pc.org/~mjanzer/images/020_20.jpg

\$17 each, includes shipping. Note that some of the coloration varies from key to key and these keys have been used.

Please respond off the list to reserve one or both.
There is a limited supply, so first come first serve. I'll accept Paypal, though this reduces the funds I can send on. Check or money order is preferred, made out to me, sent to my callbook address.

My only interest is helping out these hams and the kids they are teaching. I have already donated an HF station to the group, which has been set up and is active as EK6WA in Artik, Armenia.

Thanks for your support!

72

Mark Janzer, K5MGJ

Date: Wed, 26 Feb 2003 07:31:38 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-1@lehigh.edu, Rock-Mite_Group@yahoogroups.com
Subject: [146704] Rock-Mite/40 Shift and Zener Voltage
Message-ID: <3.0.2.32.20030226073138.007f6930@mail.9plus.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

R-M/ers,

Snow and Ice bound yesterday and today so did a little experiment with various zener voltages at D5. My FT-847 with the 25 Hz filter and zero beat function was used to determine the frequency shift when the R-M shift button is pressed.

Note: this is for information purposes only. The only useful frequency shifts are those near 750 Hz. (The design center frequency of the Rock-Mite filter is 750 Hz.) YMMV depending on the actual component values in your R-M/40.

Measurements with the supplied 7040 crystal were made at several voltages. One each with a 7122 and 7083.333 crystal were made for comparisons. Voltage in parens are measured values>

7040 Crystal (7039.xx)

6.2 V (6.11) 493 Hz

6.8 V (6.78) 572 Hz

7.5 V (7.43) 648 Hz

8.2 V (8.02) 712 Hz

(8.65) **791 Hz

(12.6)***1212 Hz

** 8.2 V zener in series with 1N914 diode

*** No zener at D5

7122 Crystal (7123.xx)

(8.65)** 1076 Hz Shift

7083.333 Crystal (7082.xx)

(8.65)** 1037 Hz Shift

Nothing is known about the type of crystal I used for the 7122 and 7083 measurements. The crystals may be designed for loads other than those found in the R-M/s. Also for the R-M/20s, a much smaller voltage is needed to cause an approximately 750 Hz shift.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

Rock-Mites on 80, 40, 30, 20 and 15 Meters

QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 26 Feb 2003 08:46:45 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "James P. Osburn, P.E." <j.p.osburn@ieee.org>,
"List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [146705] Re: FS: One Dozen NC-40A's
Message-ID: <002601c2dd9d\$ad09cda0\$618acccf@bbbcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave KB9ZGO, tells me all units have been sold.
We're all flabbergasted they went so fast.
What can I say? You snooze you loose.

Thanks,

Jim, WD9EYB

Date: Wed, 26 Feb 2003 08:56:37 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: sergio <sergio@village-buzz.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146706] Re: grounded for life!
Message-ID: <20030226085304.R7450-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Feb 2003, sergio wrote:

>
> but, i know i am lame.. but.. can someone send a link to a workable
> counterpoise setup?
>
> keep in mind that my whole house is pretty much frozen shut until further
> notice... dangit....

Simple:

cut 1/4 wavelengths of wire for each band you plan to use. Bundle the
wires. Connect one end of the bundle to the rig ground. Stretch the
bundle out(Mine goes around the baseboard of my room). Caution, depending

on which band you're on, the end of bundle might be "hot" with RF-don;t
let kids, pets or impaired vistitors chew, suck or other wise come in
contact with the "bundle".

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Wed, 26 Feb 2003 08:59:27 -0500
From: "Mike Rioux" <mike@rioux.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Cc: "'Bob Reiser'" <aa1m@rcn.com>
Subject: [146707] TS-520 and IC751A sold
Message-ID: <002401c2dd9f\$49d06d50\$6597a8c0@toshiba>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

The TS-520 and IC751A have been sold. Thanks for all of the responses!
73, Mike W1USN

Date: Wed, 26 Feb 2003 06:13:34 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [146708] Origin of "Pesky Texans"
Message-ID: <20030226141334.68947.qmail@web41002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Can anyone recall who originated that moniker?

Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
<http://taxes.yahoo.com/>

Date: Wed, 26 Feb 2003 09:35:33 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146709] Re: Mounting IC's Manhattan style
Message-ID: <006701c2dda4\$53fed5a0\$585a6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Radio Shack has small pieces of perfboard with IC layouts on them--not clad on opposite sides. Why not just nibble one of these out and superglue it onto the Manhattan project?

73,
jim-
KG4LDY

Date: Wed, 26 Feb 2003 10:06:11 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: llachow@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146710] Re: Origin of "Pesky Texans"
Message-ID: <3E5CD7E3.8128AADA@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N1TP started that in a post here on QRP-L.

The Texans are always so loud here in Florida. In the fox hunt pack they do well, and for those of us not at the optimum location for 40m propagation, quite pesky.

: -)

Anyone have that original post by chance?

Paul K4FB

Date: Wed, 26 Feb 2003 10:29:59 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146711] Re: grounded for life!
Message-ID: <3E5CDD77.A1847217@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thom LaCosta wrote:

> Connect one end of the bundle to the rig ground.

Even though I have a 8ft ground rod just outside the shack that I use, I've added counterpoises just like you described. However, I have them connected to the ground terminal of the tuner and not to the rig. Would that make any difference?

73,
--Alex KR1ST

Date: Wed, 26 Feb 2003 11:04:13 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Cc: <K2UD@adelphia.net>
Subject: [146712] Mounting ICs with Manhattan packaging
Message-ID: <000f01c2ddb0\$b5a70640\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi QRP-L list folks:

Just finished building a 75-mtr SSB superhet receiver here (to be expanded to a full SSB transceiver later), and I used Manhattan construction for most of it. I mounted a 14-pin DIP LM324 quad op-amp in the AGC circuit, and an 8-pin miniDIP MC1350P for the IF amplifier, as well as a 14-pin DIP for the rig's LM380 audio amplifier. All were mounted on Manhattan pads made from nibbler chads.

What I find is that you can place the pads very close together (probably closer than 25 mils), as the solder rarely bridges the pads. Surface tension prevents shorts!

I also put down my pads manually using a pair of tweezers and a jeweler's screwdriver. It's fast work. Mounting a 14-pin DIP takes no more than fifteen minutes or so.

Also, as you look over a schematic as you're doing your layout, oftentimes you can avoid a pad altogether because some pins aren't used, and others are grounded. I mount Wire-Wrap tail sockets (remember those?) and they work great.

I have many digital photos of this project, but haven't been able to get them posted (no Web site/time here) yet. KA1AXY, Pete, said he'd post my JPEGs, but I haven't composed everything yet to send to him. Maybe someone else will assist me if they want to see the rig. I have OrCAD-based schematics saved as both .TIF and .PDF files, and lots of JPEGs of all stages of construction.

Anyway, my point is not to fret about 100-mil chip mounting. It's not difficult at all. No need for elaborate measures. Manual placement of pads works just fine.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687 .-.-.

Date: Wed, 26 Feb 2003 11:17:15 -0500
From: Ron Majewski <ron.majewski@veridian.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [146713] FOX: W8RU Fox Announcement
Message-ID: <3E5CE88B.F2BA76BD@veridian.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello Everyone,

My name is Ron and I will one of da Foxes (along with Karl, K5DI) from 0200-0400 utc on Friday, 28 February. This is the evening of Thursday, 27 February in the US.

I plan to operate above 7040 and will definitely be working split, particularly at the start of the hunt. I try to listen both above and below my transmitting frequency but often other nearby QSOs force me to work only one side.

I live in Michigan on the Northwest edge of the Detroit area. I'll be using an FT-1000 running 5 watts and my antenna will be a 2 element yagi at 65ft. I will definitely be rotating the antenna around to give all

headings a listen.

Although Foxes have a reputation for being wily I definitely want to give you all a pelt.

Let's hope for good conditions. Good hunting and 72/3,

Ron (W8RU).
w8ru@arrl.net

Date: Wed, 26 Feb 2003 09:21:51 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146714] Re: An unbiased discussion of linear amp biasing (Pt 1)
Message-ID: <008401c2ddb3\$2c35c100\$c78f3a41@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> Push-pull bipolar transistor type, that is.
>
> .
> .
>
> So it seems strange, but the bias supply used for temperature
> regulation may itself need to be temperature regulated. Some other
> ideas: Regulate down to 2 volts or even 1.5 ahead of the pass
> transistor, to minimize self heating. Use a big honkin' pass
> transistor in the bias circuit, maybe with a heat sink. Cement
> the other diode to the bias pass transistor. Use a transistor
> array (or pair) and use the B-E junction of one of them for the
> second diode. This would probably work best, since the two
> junctions are pretty well guaranteed to be at the same temperature.
> Cement another transistor face-to-face with the pass transistor
> and use the extra one's Vbe junction as the second diode.
>

I ran into this problem back when I was designing LDMOS power transistors for 900MHz and 1.8/1.9/2.2GHz cellular phone base stations. In that case, the LDMOS devices wanted to see a gate voltage that was linear with temperature, a virtual straight line. The original designer had used a single thermistor for each device, which fialled miserably. Another fellow

(a local Motorola reject) claimed that he had improved it by using a different value thermistor. What he did was scale the thermistor and the two fixed resistors by a factor of three, keeping the beta of the thermistor the same. It didn't work any differently, but the VP of engineering bought it as he had no way of knowing that he was being deceived. Typical of engineers and managers who are poor at technical issues but good at politics. More on that later.

When it didn't work out, they gave it to me. I found a three-terminal regulator (LM3480) whose supply current was reasonably linear with temperature and used that to make a gate voltage source that was linear with temperature. The result was that the drain current(s) stayed within 5% over the temperature range of -40 to +70 degrees C, far better than what they had hoped for. This, as well as other problems that I fixed, infuriated the Motorola reject who had devised the deceptive scaled passive scheme that didn't work, so he pressured the VP of engineering and the engineering manager, which resulted in me being fired for the reason that I "didn't fit in". The company failed last July, selling out at ten cents on the dollar after having lost over \$50M of investor money in five years. They never established a customer base or stable product line. I retired from the industry that same month with a smile on my face. I came within one month of my prediction as to when they would fail.

Now, back to our show: "Temperature Compensation of RF Bipolar Power Transistors".

One essential element of biasing power transistors, both bipolar and FET, is that the base/gate bias source must have a very low impedance in order to prevent second-order distortion, which is a secondary, but still significant contributor to IMD. In second order distortion, the multiple signals in the base/emitter junction interact, actually mixing down to baseband. If the bias source has a significant impedance at baseband, these distortion products will disturb the quiescent bias point of the power devices, which then modulate the desired signals and thus increase the IMD products. Yes, it's a real mess. Don't bother with the math if you want a good night's sleep.

So, the bias source needs to have a very low impedance in order to keep the quiescent bias point from being disturbed by second-order IMD products. This leaves out the feedback loop regulators you sometimes see that monitor the collector/drain current. They actually accelerate the problem. In the case of LDMOS power devices, a VOLTAGE source that is linear with temperature is sufficient to stabilize the device(s) over temperature, and making a low impedance bias voltage source is easily done.

For bipolar devices, what is needed is a low impedance CONSTANT CURRENT source. This might sound like a contradiction of terms, as current sources generally have high impedances. However, by way of reasoning you can easily

devise a low impedance VOLTAGE source that supplies a CONSTANT CURRENT to the load. As a furtherance of such an approach, the bias source should be devised in such a way as to compensate for the changes in DC current gain that will result from temperature changes. That is a relatively simple matter compared to the rest of the problem.

The shunt rectifier diode approach is simple and fairly effective, but those diodes tend to be very expensive as they are selected to match the characteristics of the power transistors. Then they have to draw a hefty amount of current for proper performance, similar to a current mirror. I use 1N4001's in my initial experimental work as I'm more concerned with the bias source impedance for good IMD performance. The temperature part comes along later after the rest of the amplifier design is taken care of. One problem at a time.

Chris

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Wed, 26 Feb 2003 10:21:47 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [146715] Fox - Winter Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0302261014560.30657-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt # 32 - VE4WI -

Burbank Wrecking Crew - 108

Michael - K6MMC *
Todd - AG0T
Don - KC2CK
Woody - WD9F *
Trev - KG6CYN *

Cheeseheads - 126

Jerry - N9AW *
Jim - WA9TZE * Clean
Lon - W9XU * Sweep
Rick - NK9G *
Glenn - WE9K *

NE-TX TORNADOS - 151

Chuck - W5USJ *
Bill - K5JHP * Clean
Don - K5DW * Sweep
Doc - W5TB *
George - W5YR *

p-Shooters - 68

Chuck - K7QO
Gary - NQ7T
Jim - KC1FB
Wayne - W5KDJ
Tony - KB9YIG *

Raiders of the Lost RF - 115

Dan - VE6EX *
Earl - VA6RF *
Fred - VE3FAL
Robert - VE6JAZ
Bruce - VE5RC

Swamp Rats - 142

Larry - N2WW *
ET - N1FN *
Paul - K4FB *
Doc - K0EVZ
Tom - N1TP *

K1 K9s - 96

Lloyd - K3ESE *
John - NA8M *
Ralph - KD1R
Joe - W2RBA *
Alan - N3BJ

Cajun Thunder - 121

Wayne - K5E0A *
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC
Tom - AC5JH *

Great Lakers - 66

Mark - K2QO
Tom - KV2X
Al - K2ZN *
Bill - K2TER
Jeff - VA3JFF

Underdogs - 136

Dan - N4ROA *
Dave - W0CH * Clean
Ron - KI0II * Sweep
Randy - K7TQ *
Art - KB7WW *

Aluminum Kings - 120

Bob - N4BP *
Jim - N0UR
Al - K0FRP *

Dust Devils - 107

George - KR5C *
Martin - N6LIF
Eric - NM5M

Pat - K0PC
Todd - N9NE *

Dale - K5SR *

Lew - N5ZE *

Loco-motives - 61

Frank - K2PQ
Jack - K5FSE *
Jason - N8XE
Mike - VA6MJT *
Wayne - K9DI

..please send any changes and/or corrections directly to me...thank
you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 26 Feb 2003 09:25:24 -0700
From: "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
To: <Undisclosed-Recipient:;>
Subject: [146716] MW meeting freq
Message-ID: <003001c2ddb3\$cfabea30\$023d1dac@waynecomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There has been interest expressed in a Miracle Whip (MW) antenna contest and
also interest in having some frequencies where MW users can meet to try to
work other MW users.

For a start, I invite other MW users to try to work each other each Sunday
from 2300-2400 UTC on 18.080, one of the worldwide CW QRP frequencies. I
have found the the MW works pretty well on the 17 meter WARC band, so we
might have more of a change for 2-way MW QSOs on 17 meters.

I suggest we call CW MW. Let's pause between exchanges in our QSOs to give a change for other MW users to break in.

I know that this time will not work well for European operators, so I suggest that other times be tried for other parts of the world. I worked a Russian station with my FT817 yesterday afternoon on 18.080 with my outdoor dipole, so I know that propagation to the Far East is possible in the time frame of 2300-2400 UTC. Who will be the first in the U.S. or Canada to make a contact to the Far East using their MW antenna?

This is just my idea for a starting time and freq for trying to build up 2-way MW contacts. Those of us who are keen on making contacts with our MW antennas can try it.

Other suggestions are welcome, but I would suggest that we raise our changes of making successful MW contacts if we have a limited time frame and limited number of frequencies.

I am posting this message to several lists where there are users of MW antennas, but cont'd discussion of this topic should be taken to the MW discussion list at:

miraclewhip@yahoogroups.com

It is very easy to sign up there if you are not already a subscriber.

72,
Wayne

Wayne Leman
KL7FDQ QRP ARCI #4454
Busby, Montana Grid: DN65nm
<http://www.qsl.net/kl7fdq/>

Date: Wed, 26 Feb 2003 09:37:13 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Lloyd Lachow <llachow@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146717] Re: Origin of "Pesky Texans"
Message-ID: <Pine.LNX.4.44.0302260935210.9945-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think W5YR George used it first having to do with the Armadillo Hunt

On Wed, 26 Feb 2003, Lloyd Lachow wrote:

> Can anyone recall who originated that moniker?
>
> -----
> Do you Yahoo!?
> Yahoo! Tax Center - forms, calculators, tips, more
> <http://taxes.yahoo.com/>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 26 Feb 2003 09:42:27 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146718] Re: grounded for life!
Message-ID: <Pine.LNX.4.44.0302260938310.9945-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got interested in an artificial ground and the TRUTH is that you transfer the "hot" point away from your rig and mike, and put it on a wire in a safe place. The circuit is a series circuit tuned to your operating frequency. The ARRL circuit I think is still there.

On Wed, 26 Feb 2003, Mike Yetsko wrote:

> > okay, i have decided AGAINST using the catv ground, thanks to the good
> > advice of the folks on this list..
> >
>
> Well, you could always rig up a tuner as an 'artificial ground' until the
> spring thaw.
>
> MFJ sells an artificial ground. And I'm 99% sure there's still and
> article

> (with a schematic) on the ARRL web page, but probably in the members
> only area.
> Mike
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 26 Feb 2003 08:37:47 -0800
From: Ted Buckley <tedb@aracnet.com>
To: k5di@zianet.com,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146719] Re: Origin of "Pesky Texans"
Message-ID: <5.1.0.14.2.20030226083721.00a8c3a0@mail.aracnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Perhaps it was Al gore. . . .
WA7DFD

At 09:37 AM 2/26/03 -0700, Karl F. Larsen wrote:

> I think W5YR George used it first having to do with the
> Armadillo Hunt

>
>
> On Wed, 26 Feb 2003, Lloyd Lachow wrote:

>
> > Can anyone recall who originated that moniker?

> >
> > -----
> > Do you Yahoo!?
> > Yahoo! Tax Center - forms, calculators, tips, more
> > <http://taxes.yahoo.com/>

> >
>
>--

>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 26 Feb 2003 11:48:14 -0500

From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146720] Re: Origin of "Pesky Texans"
Message-ID: <3E5CEFCE.3CE498CF@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nope...we had "Pesky Texans" well before the Armadillo Hunt last year.

Paul K4FB
Armadillo Hunter

> I think W5YR George used it first having to do with the
> Armadillo Hunt
>

Date: Wed, 26 Feb 2003 13:05:34 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146721] Re: Origin of "Pesky Texans"
Message-ID: <00fa01c2ddc1\$b92a9f00\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The earliest reference I could find in a quick peek was Cam Hartford, N6GA,
who wrote in March 1997:

"But no matter, I'm gonna run my Forty-9er into the 40M Log Periodic which
is oriented along a North-South axis. Should take care of them pesky Texans
for good."

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Ted Buckley" <tedb@aracnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 26, 2003 11:37 AM
Subject: Re: Origin of "Pesky Texans"

> Perhaps it was Al gore. . . .
> WA7DFD
>
> At 09:37 AM 2/26/03 -0700, Karl F. Larsen wrote:
>
> > I think W5YR George used it first having to do with the
> > Armadillo Hunt
> >
> >
> > On Wed, 26 Feb 2003, Lloyd Lachow wrote:
> >
> > > Can anyone recall who originated that moniker?
> > >
> > > -----
> > > Do you Yahoo!?
> > > Yahoo! Tax Center - forms, calculators, tips, more
> > > <http://taxes.yahoo.com/>
> > >
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>

Date: Wed, 26 Feb 2003 12:08:31 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [146722] Wednesday Warble Tonight
Message-ID: <000201c2ddc2\$12c1cd40\$7ba033d8@XPComputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Hi Gang:

Tonight the Four State QRP Group has our weekly Wednesday Warble. All QRP'ers are invited to join our informal PSK-31 roundtable chat on 3580.5 KHz at 9 PM central time.

It's cold and snowy outside. What better time to warm up those PSK rigs and have some fun? See you tonight!

72, Dave

David Bixler W0CH

Seneca, Missouri

W0CH QRP Web Site: <http://w0ch.com>

Four State QRP Group: <http://w0ch.com/fsqrp>

Underdogs Fox Hunting Team: <http://w0ch.com/underdogs/underdogs.htm>

QRP: Little Radios, Big Fun!=20

Date: Wed, 26 Feb 2003 18:27:34 -0000
From: "Tony Fishpool" <tonyg4wif@btconnect.com>
To: <qrp-1@Lehigh.EDU>, <wb0wao@hotmail.com>,
"Michael C. Boatright" <ko4wx@mindspring.com>
Subject: [146723] Re: Mounting IC's Manhattan style
Message-ID: <001701c2ddc4\$bd044f60\$4345fea9@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike's right it's a doddle.

There are photos in the book but you just cut a lump of veroboard with the right number of strips for your chip and run your iron along the strips to be removed in the centre. I have a "hold down" tool but you can drop some superglue in the centre and fix it down. Then just strip some stranded wire and tack each SMT leg to a strip.

For those that aren't offended by a blatant advert go to www.fishpool.org.uk for details of the book.

Kind regards

Tony - G4WIF

----- Original Message -----

From: "Michael C. Boatright" <ko4wx@mindspring.com>

>

> Tony Fishpool, G4WIF showed me how to do it with perfboard. Actually
> pretty simple. I think it's in he and Graham Firth, G3MFJ's book...

>

> 72 de Mike, K04WX

> Michael C. Boatright

Date: Wed, 26 Feb 2003 12:35:42 -0600
From: "George, W5YR" <w5yr@att.net>
To: <pwomble1@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146724] RE: Origin of "Pesky Texans"
Message-ID: <IGEMKCEKDDMKFONPPFHBMEGJDCAA.w5yr@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Tom probably does . . .

Paul is correct - Tom first alluded to us Pesky Texans at least a three years ago.

Tom's logic is a bit curious in that the same propagation that places strong Texas signals into Florida also makes Florida signals strong into Texas. There is also the associated myth that some mystical connection exists between our geographical location and our mild degree of success in such activities as the QRP-L Fox Hunts.

Those of us in Texas initially felt a degree of resentment at being so denigrated, but seeking to make lemonade from Tom's lemons, we quickly elevated "Pesky Texans" to the status of a Badge of Honor. We since have done everything possible to remain as Pesky as possible! <:}

However, being the innate gentlemen that we are, we have not coined such derogatory terms of endearment as "<make up your own adjective> Floridians." One alliterative one comes immediately to mind, but this is a family reflector . . .

Bruce N1LN used the term three years ago in the first "Pesky Texan Fox Hunt" whose title drew the ire of some who should know better. Last year it became the Pesky Texan Armadillo Chase, which to our knowledge no one has "service marked" thus far . . .

That Chase resulted in Paul K4FB being the winningest Hound while yours truly carried off the Armadillo plaque.

Incidentally, Wednesday night - March 12 from 8:00pm to 10:00pm (local time - central standard) - marks the third annual Chase. We have 20 PT's lined up waiting to see who can work us all in the shortest time. I suspect that, as last year, we will be spread out in the 7035 - 7045 KHz range working mostly simplex unless the going gets tough, then listen for an "up"

if things start getting out of hand.

Come join the fun!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Paul Womble

Sent: Wednesday, February 26, 2003 9:06 AM

To: Low Power Amateur Radio Discussion

Subject: Re: Origin of "Pesky Texans"

N1TP started that in a post here on QRP-L.

The Texans are always so loud here in Florida. In the fox hunt pack they do well, and for those of us not at the optimum location for 40m propogation, quite pesky.

: -)

Anyone have that original post by chance?

Paul K4FB

End of QRP-L Digest 2843
